



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

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**Sealoflex Waterproofing Systems, Inc.**  
**2520 Oscar Johnson Dr.**  
**Charleston, SC 29405**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: Sealoflex Roof Systems over Wood Deck.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No.12-0227.02 and consists of pages 1 through 9.

The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 12-0418.02  
Expiration Date: 05/02/17  
Approval Date: 05/16/13  
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## ROOFING SYSTEM APPROVAL

|  |                             |
|--|-----------------------------|
| <b><u>Category:</u></b>                | Roofing                     |
| <b><u>Sub-Category:</u></b>            | Liquid Applied Roof Systems |
| <b><u>Material:</u></b>                | Elastomeric                 |
| <b><u>Deck Type:</u></b>               | Wood                        |
| <b><u>Maximum Design Pressure:</u></b> | -85 psf                     |

### TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

| <b><u>Product</u></b>                 | <b><u>Dimensions</u></b> | <b><u>Test Specification</u></b> | <b><u>Product Description</u></b>   |
|---------------------------------------|--------------------------|----------------------------------|---|
| Sealoflex Pink <sup>®</sup>           | 1 or 5 gal.              | ASTM D6083                       | Acrylic base and saturation coat.   |
| Sealoflex Finish Coat <sup>™</sup>    | 1 or 5 gal.              | ASTM D6083                       | Acrylic roof coating.   |
| Sealoflex CT Pink <sup>™</sup>        | 1 or 5 gal.              | ASTM D6083                       | Solvent base and saturation coat.   |
| Sealoflex CT Top <sup>™</sup>         | 1 or 5 gal.              | ASTM D6083                       | Solvent roof coating.   |
| Sealoflex Fabric <sup>™</sup>         |                          | Proprietary                      | Non-woven polyester reinforcing fabric for use in the Sealoflex roof system.                  |
| Cemflex <sup>™</sup>                  | 1 or 5 gal.              | TAS 114                          | Additive used to produce Cemflex Slurry, a base liquid coat for use over concrete substrates. |
| Metal Etch Primer <sup>™</sup>        | 1 or 5 gal.              | Proprietary                      | Primer for all unprotected metal surfaces.  |
| Sealobond Primer <sup>™</sup>         | 1 or 5 gal.              | Proprietary                      | Primer for use over painted concrete, wood or steel, or unpainted masonry substrates.         |
| Sealoment Plus <sup>™</sup>           | 50 lb. bags              | Proprietary                      | Primer for concrete or lightweight concrete.  |
| Dampseal 101 <sup>™</sup>             | 1 gal. or 1 quart kits   | Proprietary                      | Two component epoxy primer for use over concrete.   |
| Sealoflex Buttergrade <sup>™</sup>    | 1 or 5 gal.              | Proprietary                      | Trowellable waterborne paste for surfacing irregular substrates.                              |
| Sealopatch <sup>™</sup>               | 50 lb. bags              | Proprietary                      | Portland cement based single component thixotropic patching and repair mortar.                |
| Corabase <sup>™</sup>                 | 50 lb. bags              | Proprietary                      | Polymer modified portland cement powder used as a tile adhesive.                              |
| Sealoflex Flashing Grade <sup>™</sup> | 1 or 5 gal.              | Proprietary                      | Trowellable or brushable waterborne paste.  |



| <u>Product</u> | <u>Dimensions</u> | <u>Test Specification</u> | <u>Product Description</u>  |
|----------------|-------------------|---------------------------|---|
| Wearcoat™      | 1 or 5 gal.       | Proprietary               | Liquid applied emulsion coating (available in smooth or non-skid version containing aggregate) for pedestrian traffic surfaces. |
| Coraflex™      | 1 or 5 gal.       | Proprietary               | Liquid applied, water dispursed, resin based coating for pedestrian traffic surfaces.   |

#### APPROVED INSULATIONS:

TABLE 2

| <u>Product Name</u> | <u>Product Description</u>       | <u>Manufacturer</u><br>(With Current NOA) |
|---------------------|----------------------------------|---|
| ACFoam-II           | Polyisocyanurate foam insulation | Atlas Energy Products                     |
| PermaBase           | Cement Board                     | National Gypsum Company                   |
| DensDeck            | Fire resistant rated gypsum      | Georgia-Pacific Gypsum LLC                |

#### APPROVED FASTENERS:

TABLE 3

| <u>Fastener #</u> | <u>Product</u> | <u>Description</u>                            | <u>Dimensions</u>                                | <u>Manufacturer</u><br>(With current NOA) |
|-------------------|----------------|---|--|---|
| 1.                | Dekfast 12     | Steel, Tuff-Tite (black or purple)            | #12 dia. by 8 in. (203 mm) max length            | SFS Intec Inc.                            |
| 2.                | OMG Heavy Duty | Carbon Steel, CR-10 or Answer Coating (black) | #14 Heavy Duty 1 1/4" to 14 in. (3.2 to 35.6 cm) | OMG, Inc.                                 |
| 3.                | Dekfast 14     | Carbon Steel, Senti (black)                   | #14 dia. by 14 in. (356 mm) max length           | SFS Intec, Inc.                           |
| 4.                | #14 Roofgrip   | Carbonsteel, SPEX (black) or Climaseal (blue) | #14 dia. by 8 in.(203mm) max length              | OMG, Inc.                                 |



**EVIDENCE SUBMITTED:**

| <u>Test Agency</u>               | <u>Test Identifier</u> | <u>Description</u>   | <u>Date</u> |
|----------------------------------|------------------------|----------------------|-------------|
| Dynatech Engineering Corp.       | 4211-12.94-2           | TAS 114 D            | 12/18/94    |
|                                  | 4213.04.95-1           | TAS 114 H            | 04/01/95    |
| Exterior Research & Design, LLC. | #7050.02.96-1          | TAS 114 H            | 03/01/96    |
|                                  | #4210.04.96-1          | TAS 114 H            | 05/28/96    |
|                                  | #4451.11.95-1          | TAS 114 H            | 11/14/95    |
|                                  | #4213.07.97-1          | TAS 114 D            | 07/15/97    |
|                                  | #4213.09.00-1R         | TAS 114              | 10/25/05    |
|                                  | 4234.05.05             | TAS 114              | 05/04/05    |
|                                  | 4235.05.05-2           | TAS 114              | 06/01/05    |
|                                  | #4223.02.03            | TAS 114 H            | 02/27/03    |
|                                  | 4210.06.02             | TAS 114              | 06/17/02    |
|                                  | 4234.10.05             | TAS 114              | 10/20/05    |
| Trinity   ERD                    | S35600.11.11           | ASTM D6083           | 11/22/11    |
|                                  | S30750.03.10           | ASTM D6083           | 03/24/10    |
|                                  | S12420.02.10-2-R1      | ASTM D6083/TAS 114 H | 04/02/10    |
|                                  | S33930.09.11           | TAS 103 / TAS 104    | 09/14/11    |
|                                  | 4235.05.05-1-R1        | TAS 114 D/ASTM D1623 |             |
|                                  | S44670.04.13-R2        | TAS 114 D/ TAS 114 J | 04/30/13    |
| Factory Mutual Research Corp.    |                        | Physical Properties  | 05/08/13    |
|                                  | 3015470                | FM 4470              | 04/29/04    |
|                                  | 3018955                | FM 4470              | 09/06/05    |
| PRI Asphalt Technologies         | 3023963                | FM 4470              | 04/20/06    |
|                                  | SOF-007-02-01          | ASTM D6083           | 07/14/04    |



## APPROVED ASSEMBLIES:

|                          |  |
|--------------------------|--|
| <b>Membrane Type:</b>    | Liquid Applied Membrane  |
| <b>Deck Type II:</b>     | Wood, Insulated  |
| <b>Deck Description:</b> | 19/32" or greater plywood or wood plank  |
| <b>System Type A(1):</b> | All layers of insulation are adhered to a mechanically attached anchor sheet, followed by Sealoflex System or Sealoflex CT™ System |

### All General and System Limitations Apply

|                           |   |
|---------------------------|---|
| <b>Anchor Sheet:</b>      | PermaPly 28, GAFGLAS #75 or Sopra-G anchor sheet mechanically fastened to the deck as described below:  |
| <b>Fastening Options:</b> | Anchor sheet attached to deck with approved annular ring shank nails and tin caps at a fastener spacing of 6" o.c. at the lap and 6" o.c. in three equally spaced rows in the field of the sheet. |

One layer of the following insulation.

| Insulation Layer                         | Insulation Fasteners<br>(Table 3) | Fastener<br>Density/ft <sup>2</sup> |
|--|-----------------------------------|-------------------------------------|
| DensDeck, PermaBase<br>Minimum: ¼" thick | N/A                               | N/A                                 |

**Note:** All insulation shall be adhered to the anchor sheet in a full mopping of approved asphalt within the EVT range at a rate of 20-40 lbs./100 ft<sup>2</sup> or ¾" to 1" diameter beads of Insta-Stik Roofing Adhesive spaced 6" o.c. or 3" to 3½" wide ribbons of TITESET Roofing Adhesive, 3M Polyurethane Foam Insulation Adhesive CR-20 spaced 6" o.c. Insta-Stik beads or TITESET ribbons shall be placed atop anchor sheet fastener rows. Refer to Roofing Application Standard RAS 117 for insulation attachment.

|                                 |   |
|---------------------------------|---|
| <b>Membrane:</b>                | Apply Sealoflex Pink® at 80 ft <sup>2</sup> /gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® at 80 ft <sup>2</sup> /gal and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft <sup>2</sup> /gal.<br><br>Or<br><br>Apply Sealoflex CT Pink™ at 60 ft <sup>2</sup> /gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex CT Pink™ at 60 ft <sup>2</sup> /gal and, upon drying, two coats of Sealoflex CT Top™ at a combined rate of 70 ft <sup>2</sup> /gal. |
| <b>Surfacing:</b>               | (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft <sup>2</sup> /gal or Coraflex™ at a rate of 20 ft <sup>2</sup> /gal followed by two coats of Wearcoat™ at a combined rate of 90 ft <sup>2</sup> /gal.   |
| <b>Maximum Design Pressure:</b> | -60 psf (See General Limitation #7)   |

**Membrane Type:** Liquid Applied Membrane

**Deck Type II:** Wood, Insulated

**Deck Description:** In accordance with applicable Building Code, but in no case shall it be less than:  
19/32" or greater plywood or wood plank attached to supports maximum spacing 24" o.c. with #8 x 1 1/2" long screws spaced 6" o.c. maximum.

**System Type A(2):** All layers of insulation are adhered to a mechanically attached anchor sheet, followed by Sealoflex System.

**All General and System Limitations Apply**

**Anchor Sheet:** PermaPly 28, GAFGLAS #75 or Sopra-G anchor sheet mechanically fastened to the deck as described below:

**Fastening Options:** Anchor sheet attached to deck with approved annular ring shank nails and tin caps at a fastener spacing of 6" o.c. at the lap and 6" o.c. in three equally spaced rows in the field of the sheet.

One layer of the following insulation.

| Insulation Layer                 | Insulation Fasteners<br>(Table 3) | Fastener<br>Density/ft <sup>2</sup> |
|----------------------------------|-----------------------------------|-------------------------------------|
| PermaBase<br>Minimum: 1/4" thick | N/A                               | N/A                                 |

**Note:** All insulation shall be adhered to the anchor sheet with 3/4" to 1" diameter beads of Insta-Stik Roofing Adhesive spaced 6" o.c. Insta-Stik beads shall be placed atop anchor sheet fastener rows. Refer to Roofing Application Standard RAS 117 for insulation attachment.

**Membrane:** Apply Sealoflex Pink® at 80 ft²/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® at 80 ft²/gal and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

**Surfacing:** (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal followed by two coats of Wearcoat™ at a combined rate of 90 ft²/gal.

**Maximum Design Pressure:** -82.5 psf (See General Limitation #7)

**Membrane Type:** Liquid Applied Membrane

**Deck Type II:** Wood, Insulated

**Deck Description:** 19/32" or greater plywood or wood plank

**System Type B:** Base insulation layer mechanically fastened, top layer adhered with asphalt, followed by Sealoflex System or Sealoflex CT™ System.

**Deck Attachment:** In accordance with applicable Building Code, but in no case shall it be less than: #8 x 1 1/2" long screws spaced 6" o.c. In reroofing, where the deck is less than 19/32" thick (Minimum 15/32") The above attachment method must be in addition to existing attachment.

**All General and System Limitations apply.**

| Base Insulation Layer           | Insulation Fasteners<br>(Table 3) | Fastener<br>Density/ft <sup>2</sup> |
|---------------------------------|-----------------------------------|-------------------------------------|
| ACFoam-II<br>Minimum 1.5" thick | Any approved fasteners in table 3 | 1:1.3                               |

**Note:** Insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

| Top Insulation Layer            | Insulation Fasteners<br>(Table 3) | Fastener<br>Density/ft <sup>2</sup> |
|---------------------------------|-----------------------------------|-------------------------------------|
| DensDeck<br>Minimum: 1/4" thick | N/A                               | N/A                                 |

Apply top layer of insulation in a full mopping of any approved mopping hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft<sup>2</sup>. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as Base Layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

**Membrane:** Apply Sealoflex Pink® at 80 ft<sup>2</sup>/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® at 80 ft<sup>2</sup>/gal and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft<sup>2</sup>/gal.  
Or  
Apply Sealoflex CT Pink™ at 60 ft<sup>2</sup>/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex CT Pink™ at 60 ft<sup>2</sup>/gal and, upon drying, two coats of Sealoflex CT Top™ at a combined rate of 70 ft<sup>2</sup>/gal.

**Surfacing:** (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft<sup>2</sup>/gal or Coraflex™ at a rate of 20 ft<sup>2</sup>/gal followed by two coats of Wearcoat™ at a combined rate of 90 ft<sup>2</sup>/gal.

**Maximum Design Pressure:** -85 psf. (See General Limitaion #9)

**Membrane Type:** Liquid Applied Membrane  
**Deck Type II:** Wood, Insulated  
**Deck Description:**  $1\frac{9}{32}$ " or greater plywood or wood plank  
**System Type C:** All layers of insulation simultaneously attached, followed by Sealoflex System or Sealoflex CT™ System.

**All General and System Limitations apply.**

| <b>Base Insulation Layer (Optional)</b> | <b>Insulation Fasteners<br/>(Table 3)</b> | <b>Fastener<br/>Density/ft<sup>2</sup></b> |
|---|---|--|
| <b>ACFoam-II</b>                        |   |  |
| <b>Minimum 1.5" thick</b>               | N/A                                       | N/A  |

**Note: All layers shall be simultaneously fastened; see top layer below for fasteners and density.**

| <b>Top Insulation Layer</b> | <b>Insulation Fasteners<br/>(Table 3)</b> | <b>Fastener<br/>Density/ft<sup>2</sup></b> |
|-----------------------------|---|--|
| <b>DensDeck</b>             |   |  |
| <b>Minimum: ¼" thick</b>    | Any approved fasteners in table 3         | 1:1.3                                      |

**Note: All layers of insulation shall be mechanically attached using the fastener density listed above. The insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density. Insulation fasteners shall be tested for withdrawal resistance in compliance with Testing Application Standard TAS 105 to confirm compliance with the wind load requirements. Please refer to Roofing Application Standard RAS 117 for insulation attachment.**

**Note: Insulation joints shall be sealed before membrane application.**

**Membrane:** Apply Sealoflex Pink® at 80 ft<sup>2</sup>/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® at 80 ft<sup>2</sup>/gal and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft<sup>2</sup>/gal.  
 Or

Apply Sealoflex CT Pink™ at 60 ft<sup>2</sup>/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex CT Pink™ at 60 ft<sup>2</sup>/gal and, upon drying, two coats of Sealoflex CT Top™ at a combined rate of 70 ft<sup>2</sup>/gal.

**Surfacing:** (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft<sup>2</sup>/gal or Coraflex™ at a rate of 20 ft<sup>2</sup>/gal followed by two coats of Wearcoat™ at a combined rate of 90 ft<sup>2</sup>/gal.

**Maximum Design Pressure:** -60 psf. (See General Limitaion #7)



## GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer.
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.

**Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.**

5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.

## END OF THIS ACCEPTANCE

